SUBSTITUTE DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT APPLICATIONS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

Method for Protecting Plants

the specification of which was filed on December 23, 1997 as U.S. Application No. 08/996,685.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims.

I acknowledge my duty to disclose all information which is known by me to be material to the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any PCT international application(s) designating at least one country other than the United States listed below and have also listed below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application the priority of which is claimed for that subject matter:

Country, Region or PCT Application No.		Filing Date	Priority <u>Claimed</u>
Switzerland	CH 179/95	January 23, 1995	Yes
Switzerland	CH 1910/95	June 29, 1995	Yes
Switzerland	CH 3495/95	December 11, 1995	Yes

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date
60/034,378	December 27, 1996
60/034,379	December 27, 1996
60/034,382	December 27, 1996
60/034,730	January 10, 1997
60/035,021	January 10, 1997
60/035,022	January 10, 1997
60/035,024	January 10, 1997

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

United States Application No.	United States Filing or §371 Date	Status or U.S. Patent No.	International Application No.	International Filing Date
			PCT/EP96/00096	January 11, 1996
, -		-	PCT/EP96/02672	June 20, 1996
08/761,543	December 6, 1996	Pending		.
08/875,015	July 16, 1997	Pending		· ·
08/981,575	December 22, 1997	Pending		•

I hereby appoint the attorneys and agents associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications to:

J. Timothy Meigs

Novartis Corporation

Patent and Trademark Dept.

3054 Cornwallis Road

Research Triangle Park, NC 27709-2257.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FIRST JOINT INVENTOR:

Full name

Signature

Date

Citizenship

United States of America

Residence

303 Brittany Place

Cary, North Carolina 27511

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Full name : Leslie Bethards Friedrich Signature : Date : (MM/DD/YY) Citizenship : United States of America Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:	SECOND JOINT INVENTOR:				
Date : (MM/DD/YY) Citizenship : United States of America Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : Signature : (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502		Full name :	Leslie Bethards Friedrich		
Date : (MM/DD/YY) Citizenship : United States of America Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : Signature : (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502		•	-*		
Citizenship : United States of America Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : Date : Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:		Signature :			
Citizenship : United States of America Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : Date : Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:			·		
Citizenship : United States of America Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : Date : United States of America (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502		Date :	(8484/DDCCV)		
Residence : 4208 Wyckford Place Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature :			(IVIIVI/DD/TT)		
Apex, North Carolina 27502 THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : J/5/49 (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:		Citizenship :	United States of America		
THIRD JOINT INVENTOR: Full name : Scott Joseph Uknes Signature : Suffly Date : Suffly (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502	,	Residence :			
Full name : Scott Joseph Uknes Signature : Suffly Date : Suffly (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502			Apex, North Carolina 27502		
Signature : Sufflux Date : (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:	THIRD JOINT INVENTOR:				
Date : (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:		Full name :	Scott Joseph Uknes		
Date : (MM/DD/YY) Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:			C. MAIL.		
Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:		Signature :	Self fors.		
Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:			a lida		
Citizenship : United States of America Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:		Date :	(AANA/DDXX)		
Residence : 1003 Pinedale Drive Apex, North Carolina 27502 FOURTH JOINT INVENTOR:			,		
FOURTH JOINT INVENTOR: Apex, North Carolina 27502		Citizenship :	United States of America		
FOURTH JOINT INVENTOR:		Residence :			
Full name . Antonio Molina-Fernandez	FOURTH JOINT INVE	NTOR:	Apex, North Carolina 27502		
		Full name :	Antonio Molina-Fernandez		

Citizenship Spain

Signature

Date

Residence

Gran Via, 18-10 Blanca (Murcia) 30540

(MM/DD/YY)

Spain

Case: PF/5-21215/CGC1912

SN: 08/996,685

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FIFTH JOINT INVENTOR:

Wilhelm Ruess Full name

Signature

Date (MM/DD/YY)

Switzerland Citizenship

Burgweg 4 Residence

Pfeffingen, CH 4148° Switzerland

SIXTH JOINT INVENTOR:

Gertrude Knauf-Beiter Full name

Signature

Date (MM/DD/YY)

Germany Citizenship

Fritz-Fischerstrasse 12 Residence

Mullheim D-79379

Germany

SEVENTH JOINT INVE	ENTOR: Full name	:	Ruth Beatrice Kung
	Signature	:	
	Date	:	(MM/DD/YY)
	Citizenship	:	Switzerland
•	Residence	:	Steinbuhlweg 72 Allschwil, CH 4123 Switzerland
EIGHTH JOINT INVE	NTOR:		
	Full name	:	Helmut Kessmann
	Signature	:	
•	Date	:	(MM/DD/YY)
	Citizenship	:	Germany
	Residence	:	Gewerbestrasse 16 Allschwil, CH 4123 Switzerland
NINTH JOINT INVE	NTOR:		•
	Full name	:	Michael Oostendorp
*	Signature	:	
	Date	:	(MM/DD/YY)
	Citizenship	:	Germany

Germany

Residence

Uhlang 7 Rheinfelden D-79618

Case: PF/5-21215/CGC1912 SN: 08/996,685

TENTH JOINT INVENTOR:

Full name

Kay Ann Lawton

Signature

Date

(MM/DD/YY)

Citizenship

USA

Residence

8016 Crooked Chute Court

Raleigh, NC 27612 -

USA

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SN: 08/996.685

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Case: PF/5-21215/CGC:912 SN: 08/995,685

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Novartis Corporation

Patent and Trademark Dept.

3054 Cornwallis Road

Research Triangle Park, NC 27709-2257.

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FIRST JOINT INVENTOR:

Full name	: John Andrew Ryals ,	
Signature	; <u> </u>	
Date	(MM/DD/YY)	
Citizenship	: United States of America	
Residence	: 303 Brittany Place	

SECOND JOINT INVE	NTOR:		
	Full name	:	Leslie Bethards Friedrich
	Signature	:	Jeslie Bethards Friedrich
	Date	:	august 17, 1999 (MM/DD/YY)
	Citizenship	:	United States of America
•	Residence	:	4208 Wyckford Place Apex, North Carolina 27502
THIRD JOINT INVENT	OR:		
	Full name	:	Scott Joseph Uknes
	Signature	: .	
	Date	:	(ANUTED 200
	6 ''' 11		(MM/DD/YY)
•	Citizenship	:	United States of America
	Residence	:	.1003 Pinedale Drive Apex, North Carolina 27502
FOURTH JOINT INVE	NTOR:		, · · · · · · · · · · · · · · · · · · ·
	Full name	:/	Antonio Molina-Fernandez
	Signature	:	
			•
	Date ·	:	(MM/DD/YY)
	Citizenship	:	Spain
	Residence	:	Gran Via, 18-10 Blanca (Murcia) 30540 Spain

Case: PF/5-21215/CGC1912

SN: 08/996,685

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FIFTH JOINT INVENTOR:

Full name : Wilhelm Ruess

Signature : _____

Date : _______(MM/DD/YY)

Citizenship : Switzerland

Residence : Burgweg 4

Burgweg 4
Pfeffingen, CH 4148

Switzerland

SIXTH JOINT INVENTOR:

Full name : Gertrude Knauf-Beiter

Signature : _____

Date : ______(MM/DD/YY)

Citizenship : Germany

Residence : Fritz-Fischerstrasse 12

Mullheim D-79379

Germany

SEVENTH JOINT INVENTOR:

OLVEITITIOOMIT MITT			
	Full name	:	Ruth Beatrice Kung
	Signature	:	
	Date	:	(MM/DD/YY)
	Citizenship	:	Switzerland
	Residence	: .	Steinbuhlweg 72 Allschwil, CH 4123 Switzerland
EIGHTH JOINT INVEI	NTOR:		
	Full name	:	Helmut Kessmann
	Signature	:	•
	Date	:	(MM/DD/YY)
	Citizenship	:	Germany
	Residence	:	Gewerbestrasse 16 Allschwil, CH 4123 Switzerland
NINTH JOINT INVEN	TOR:		
	Full name	:	Michael Oostendorp
	Signature ·	:	
	Date	:	(MM/DD/YY)
	Citizenship	:	Germany
	Residence	:	Uhlang 7

Germany

Rheinfelden D-79618

Case: PF/5-21215/CGC1912 SN: 08/996,685

TENTH JOINT INVENTOR:

Full name

Kay Ann Lawton

Signature

:

Date

08.17.

(MM/DD/YY)

Citizenship

USA

Residence

8016 Crooked Chute Court

Raleigh, NC 27612

USA

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60/035,022	January 10, 1997
60/035,024	January 10, 1997

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	####	-	PCT/EP96/02672	June 20, 1996
08/761,543	December 6, 1996	` Pending		
08/875,015	July 16, 1997	Pending	••	
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Novartis Corporation
Patent and Trademark Dept.
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Research Triangle Park, NC 27709-2257.

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FIRST JOINT INVENTOR:

Full name	:	John Andrew Ryals
Signature	:	·
Date	:	
		(MM/DD/YY
Citizenship	:	United States of America
Residence	:	303 Brittany Place Cary, North Carolina 27511

SECOND JOINT INVE	NTOP:		
SECOND JOINT INVEN	Full name	:	Leslie Bethards Friedrich
	Signature	:	
·	Date ·	•	
		·	/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Citizenship		(MM/DD/YY) United States of America
	•	•	
	Residence	•	4208 Wyckford Place Apex, North Carolina 27502
THIRD JOINT INVENT	OR:		
	Full name	;	Scott Joseph Uknes
	Signature	:	
,	Date	:	
			(MM/DD/YY
	Citizenship	:	United States of America
	Residence	:,	1003 Pinedale Drive
FOURTH JOINT INVE	NTOR:		Apex, North Carolina 27502
	Full name	:	Antonio Molina-Fernandez
,			1
•	Signature	:	Actoricollating
	Date	:	26/09/1999
			(MM/DD/YY

Citizenship Spain

Residence

Gran Via, 18-10 Blanca (Murcia) 30540

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FIFTH JOINT INVENTOR:

Full name

Wilhelm Ruess

Signature

Date

Citizenship

Switzerland

Residence

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Switzerland

SIXTH JOINT INVENTOR:

Full name

Gertrude Knauf-Beiter

Signature

Get de Unawy- De

Date

10/09/1999

(MM/DD/YY)

Citizenship

Germany

Residence

Fritz-Fischerstrasse 12

Mullheim D-79379

Germany

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SN: 08/996,685

SEVENTH JOINT INVENTOR:

Full name

Ruth Beatrice Küng

Signature

R.B. Vince

Date

9/2/99

(MM/DD/YY)

Citizenship

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Residence

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EIGHTH JOINT INVENTOR:

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Helmut Kessmann

Signature

Date

8/25/99

(MM/DD/YY)

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Residence

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Switzerland

NINTH JOINT INVENTOR:

Full name

Michael Oostendorp

Signature

Michael Co. 09/10/35

Date .

(MM/DD/YY)

Citizenship

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Residence

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Germany

TENTH JOINT INVENTOR:

Full name

Kay Ann Lawton

Signature

Date

(MM/DD/YY)

Citizenship

USA

Residence

8016 Crooked Chute Court

Raleigh, NC 27612

USA

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